Philips Signage Solutions
E-Line Display

55"
Edge-lit LED
Full HD

SignageSolutions

BDL5560EL

Intensify your signage experience

with priceless smart performance

Deliver startlingly clear images in a more eco-friendly way with the edge LED display. High on performance and reliability, yet low on power consumption, it is ideal for projects where no compromise is accepted.

Optimized for public viewing
- Full HD LED technology for brilliant images
- IPS wide view technology for image and color accuracy
- Designed for 24/7 operation

Maximizing the impact of your message
- Manage and control your network remotely via SmartControl

Innovative solutions for any signage application
- Free and easy-to-use content management with SmartCMS
- Featuring HTML5 Opera browser optimized for digital signage
- Schedule what you want, when you want with SmartPlayer
- Optional OPS Slot
- Connect your display and start sharing with DLNA

Care about you, your business and your audience
- SmartPower for energy saving
- Keep your content up and running with Failover

PHILIPS

Highlights

Full HD LED technology
White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

IPS Display Technology
Philips IPS displays uses an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle - even in portrait mode. IPS displays gives you remarkably crisp images with vivid colors, especially suitable for professional video wall and menuboard applications which demand color accuracy and consistent brightness at all times.

SmartControl
SmartControl software suite lets you remotely control and manage your network of displays via RJ45 and RS232C. Easy identify your displays and fine-tune all display settings including resolution, brightness, contrast, video wall configurations and cloning of your settings over your complete network.

Failover
Keeping your content up and running is critical for demanding commercial applications. While it is unlikely you will face a content disaster,

Failover provides 24/7 protection with a revolutionary technology that plays back-up content on screen in the event of a media player failure. Failover automatically kicks in when the primary input fails. Simply select a primairy input connection and a Failover connection and your ready for instant protection.

HTML5
Featuring HTML5 Opera browser optimized for digital signage

SmartCMS
Free and easy-to-use content management system that works exclusively with Philips Sigage Solutions displays to manage your digital signage content. With SmartCMS you can create and schedule your own content over 24 hours every day. Simply create your network, design your content, schedule your playlist and you are ready to play!

SmartPlayer
Save your Digital Signage content (video, audio, pictures) on your USB and plug into your display & enjoy your own created playlists 24 hours a day, 7 days a week.
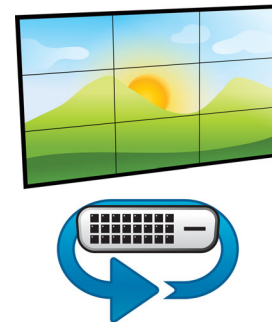
Optional OPS Slot
Open Pluggable Specification is an industry standard slot in to which you can add an OPS-compatible media player. This gives you the ability to upgrade or change your hardware whenever you need. Turning your display in to

an all-in-one digital signage solution has become simplicity personified.

SmartPower
The backlight intensity can be controlled and pre-set by the system to reduce the power consumption by up to 50%, which saves substantially on energy costs.

Designed for 24/7 operation

Because business never sleeps, our signage displays are designed for 24/7 use. Taking advantage of superior components to ensure a higher level of quality, you can count on this range of models for complete around-the-clock reliability.

Share & Stream with DLNA
Simply share & stream content from your mobile device or media player to your display with all DLNA compliant media devices. Connect each display with an ethernet cable and manage your content real time within your local network. Simply connect your display and start sharing.

Specifications

Picture/Display
- Diagonal screen size: 54.6 inch / 139 cm
- Panel resolution: 1920x1080p
- Optimum resolution: 1920 x 1080 @ 60 Hz
- Brightness: 450 cd/m²
- Contrast ratio (typical): 1300:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 12 ms
- Pixel pitch: 0.21 x 0.63 mm
- Display colors: 1.07 billion
- Viewing angle (H / V): 178 / 178 degree
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Motion compens. deinterlacing, Progressive scan, 3D MA deinterlacing, Dynamic contrast enhancement

Connectivity
- Video input: DisplayPort, HDMI (x2), DVI-D, VGA (Analog D-Sub), Component (RCA), Composite (RCA)
- Video output: DisplayPort, DVI-I
- Audio input: 3.5 mm jack, Audio Left/Right (RCA)
- Audio output: Audio Left/Right (RCA), External speaker connector
- External control: IR (in/out) 3.5 mm jack, RJ45, RS232C (in/out) 2.5 mm jack

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 67, 72, 75Hz
800 x 600	56, 60, 72, 75Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1360 x 768	60Hz
1366 x 768	60Hz
1440 x 900	60Hz
1920 x 1080	60Hz
1920 x 1200	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576p	50Hz
576i	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	50, 60Hz

Dimensions
- Set dimensions (W x H x D): 1244.4 x 715.2 x 69 mm
- Bezel width: 15.8 mm
- Product weight: 30.6 kg
- VESA Mount: 400 x 400 mm, 400 x 200 mm, 200 x 200 mm
- Smart Insert mount: 100 x 100 mm, 100 x 200 mm

Convenience
- Placement: Landscape, Portrait
- Tiled Matrix: Up to 5 x 5
- Keyboard control: Hidden, Lockable
- Signal Loop Through: RS232, DVI, IR Loopthrough, VGA
- Network controllable: RJ45, RS232, One Wire (HDMI-CEC), Card OPS RS232
- Energy saving functions: Smart Power
- Ease of installation: AC Out, Smart Insert
- Screen saving functions: Pixel Shift, Low Bright

Power
- Consumption (On mode): TBC
- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz

Operating conditions
- Temperature range (operation): 0 - 40 °C
- Relative humidity: 5 - 90 %
- MTBF: 60,000 hour(s)
- Altitude: 0 ~ 3000 m
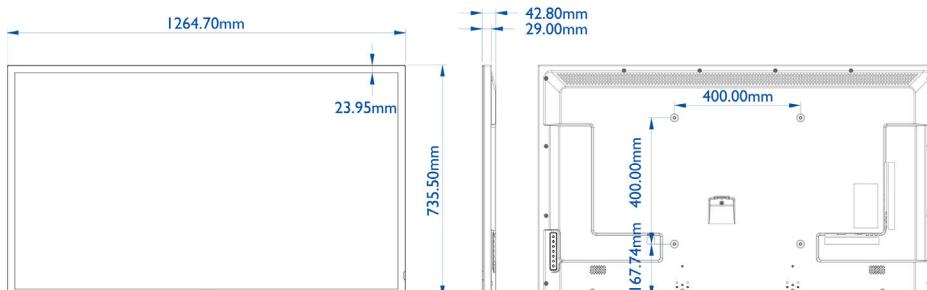- Temperature range (storage): -20 ~ 60 °C

Sound
- Built-in speakers: 2 x 10 W RMS

Accessories
- Included accessories: Remote Control, Batteries for remote control, AC Power Cord, VGA cable, User manual on CD-ROM, Quick start guide, RS232 cable
- Stand: BM05462 (Optional)

Miscellaneous
- On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Spanish, Simplified Chinese, Traditional Chinese
- Regulatory approvals: CE, FCC, Class B, CCC, RoHS, UL/cUL, C-Tick, BSMI, CB, GOST
- Warranty: 3 year warranty

Multimedia Applications
- USB Playback Video: 3G2, 3GP, ASF, ASX, AVI, DAT, DivX, F4V, FLV, M2TS, M4V, MK3D, MKV, MOV, MP4, MPE, MPEG, MPG, MTS, QT, TRP, TS, TTS, VOB, WEBM, WMV, Xvid
- USB Playback Picture: BMP, GIF, JPEG, JPG
- USB Playback Audio: AAC, AC3, AIF, AIFF, AMR, EC3, M4A, MP3, OGA, OGG, WAV, WMA

1264.70mm
42.80mm
29.00mm
23.95mm
735.50mm
400.00mm
400.00mm
167.74mm